

## 512 Reinforcing Steel Galvanized Coating Quality Management Plan

### 512.1 Introduction

512.1.1 The purpose of the Reinforcing Steel Galvanized Coating Quality Management Plan is to establish the procedures for becoming pre-qualified as a source of galvanized reinforcing steel. The Management Plan is to assure the Utah Department of Transportation that galvanizing applicator plants are capable of applying quality galvanized coatings on reinforcing steel and are capable of producing a quality product.

### 512.2 Pre-qualifications for Galvanized Reinforcing Steel Coating Applicators and/or Fabricators.

512.2.1 Applicants shall submit to the Quality Assurance (QA) Engineer, a letter requesting that it be designated as a qualified source. The letter shall include the following:

512.2.1.1 Name and phone number of the Quality Control Director at each production location who may be contacted for data, shipping information, and to whom reports of UDOT's verification tests shall be directed.

512.2.2 The Galvanized Coating Applicator and/or Fabricator agrees to:

512.2.2.1 Follow the Quality Assurance Manual of the American Galvanizers Association.

512.2.2.2 Meet or exceed UDOT's Standard Specifications and applicable ASTM and AASHTO specifications.

512.2.2.3 Make available to the QA Engineer or representative the plants quality control sampling and testing records when requested.

512.2.2.4 Fax UDOT's certificate of compliance form and mill test reports before each shipment to UDOT specification controlled projects,

**Phone Number: 1-801-965-4302**

**Fax: 1-801-965-3843**

512.2.2.5 Any steel on which the galvanized coating is applied is required to be from a UDOT pre-qualified source as per UDOT's Quality Management Plan: Reinforcing Steel. A list of UDOT Pre-Qualified Reinforcing Steel Manufacturers will be sent by the QA Engineer. Any changes to this list will be made in writing by the QA Engineer.

512.2.3 Notification of acceptance as a Pre-Qualified Reinforcing Steel Galvanized Coating Applicator and/or Fabricator will be made in writing by the QA Engineer.

### 512.3 UDOT Verification Sampling and Testing Inspections

512.3.1 The frequency of verification testing and inspections will be determined at the discretion of the QA Engineer. Any materials found not meeting UDOT's Standard Specifications will be rejected and an accelerated testing program will be put into effect.

512.3.2 Once an Applicator and/or Fabricator has been put on notice for compliance violations for not meeting UDOT's Standard Specifications or any rejected incident is recorded, an in-plant inspection program may be put in place by the QA Engineer. This inspection will be conducted a minimum of once a quarter for one year. The inspection will include an evaluation of product compliance with specifications. If an applicator and/or fabricator can not meet the Standards set by UDOT, the applicator and/or fabricator may be disqualified as a source by the QA Engineer.

512.3.3 An Applicator and/or Fabricator will be removed from the qualified source list and be required to re-apply as a qualified source if not supplying to a UDOT controlled project within a 12 month period.